REMARKS

Present Status of the Application

The drawings are objected to sine Figs. 1 and 2 lack a legend such as --Prior Art--.

Claims 1 and 8 are rejected under 35 U.S.C. 102(a) as being anticipated by Fernandez (US 2004/0260669 A1). Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art of figures 1 and 2.

In response thereto, Applicants have amended claims 1-2 and 8-9, canceled claim 6, and added new claims 15-18. Amendments to the claims and new claims are supported by the specification the drawings. Therefore, no new matter is raised.

Discussion of the objection to the drawings

The drawings are objected to sine Figs. 1 and 2 lack a legend such as --Prior Art--.

In response thereto, Applicant has added --Prior Art-- in each of Figs. 1 and 2 as shown in Replacement sheet. Thus, the objection to the drawings should be overcome.

Discussion of the claim rejection under 35 USC 102

Claims 1 and 8 are rejected under 35 U.S.C. 102(a) as being anticipated by Fernandez (US 2004/0260669 A1).

In response thereto, Applicant has amended claims 1 and 8.

With respect to claim 1, Applicant has amended it to expressly define a

signal-transforming module for transforming the received image and the received sound into an audio/video signal comprising a video signal component and an audio signal component, which comprises an image-sensing chip for detecting the image and outputting the audio/video signal, an audio amplifier chip for detecting the sound, amplifying the sound detected and outputting the audio/video signal, and an audio/video processing chip for carrying out a post-processing of the audio/video signal, which is not disclosed/taught by Fernandez.

Therefore, amended claim 1 is not anticipated by but should be patentable over Fernandez.

As the same reason, claim 8 is not anticipated by but should be patentable over Fernandez.

Discussion of the claim rejection under 35 USC 103

Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art of figures 1 and 2.

With respect to claim 1, Applicant has amended it to expressly define a **signal-transforming module for transforming the received image and the received sound into an audio/video signal comprising a video signal component and an audio signal component, which comprises an image-sensing chip for detecting the image and outputting the audio/video signal, an audio amplifier chip for detecting the sound, amplifying the sound detected and outputting the audio/video signal, and an audio/video processing chip**

for carrying out a post-processing of the audio/video signal.

In the Office action, Examiner contended that it is obvious that combining two separate sensors as shown in figures 1 and 2 of the present application into a single, integrated audio/video sensor would be merely a matter of obvious engineering choice and that would not involve any inventive step. Applicant respectfully traverses for the following reasons.

Amended claim 1 expressly defines a signal-transforming module for transforming the received image and the received sound into an **audio/video signal** comprising a video signal component and an audio signal component. The signal-transforming module comprises an image-sensing chip for detecting the image and **outputting the audio/video signal**, an audio amplifier chip for detecting the sound, amplifying the sound detected and **outputting the audio/video signal**, and **an audio/video processing chip for carrying out a post-processing of the audio/video signal.** That is, after the received image and the received sound are transmitted to the signal-transforming module, **the received image and the received sound are combined, by the signal-transforming module, into an integrated audio/video signal comprising a video signal component and an audio signal component so that video and audio signals can be collected synchronously.**

Admitted prior art of FIGS. 1 and 2 fail to teach a signal-transforming module for transforming the received image and the received sound into an integrated audio/video signal, and also fail to teach an audio/video processing chip for carrying out a post-processing of the audio/video signal. Admitted prior art of FIGS. 1 and 2 only show two separate audio sensor and video sensor. As described in paragraphs [0003]-[0005] of the

present application, in the past, the audio sensor and the video sensor are formed separately. The mechanical structure and the electronic circuits of a conventional image sensor and that of a conventional audio sensor are different. In the conventional audio/video sensing system, the sensing device and circuits for audio sensing and image sensing are independent from each other. The images and sounds collected via the different sensing devices are not synchronous due to the compatibility of the sensing circuits.

Accordingly, the present invention as defined by amended claim 1 involve some inventive steps rather than only combining two separate sensors as shown in figures 1 and 2 of the present application without inventive steps. Thus, amended claim 1 should be patentable over admitted prior art of FIGS. 1 and 2.

For the similar reason, amended claim 8 should be patentable over admitted prior art of FIGS. 1 and 2.

Claims 2-5, 7 and 9-14 should be patentable since they depend on allowable claims 1 and 8 respectively.

Discussion of new claims

The features defined in newly added claims 15-18 are neither disclosed by the recited references nor disclosed by admitted prior art of FIGS. 1 and 2.

Accordingly, newly added claims 15-18 should be patentable since they further contain their own features except all of the features of allowable claim 1 or 8.

CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 1-5 and 7-18 of the present application patently define over the prior art and are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Respectfully submitted,
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